

REMARKS

All claims stand rejected over the prior art. The examiner relies on Krishnaswamy et al as the principal reference.


The previous claims have been canceled and new claims 25-36 are now presented.

The subject matter of claim 25 is a flotation cell in which the stator includes at least three structural elements angularly spaced apart about the rotor and wherein each structural element comprises at least two flow regulators and a supporting structure. In accordance with claim 25, the flow regulators of each structural element are disposed substantially parallel to each other. This feature of claim 25 is clearly illustrated in FIG. 4 of the drawings.

Krishnaswamy et al discloses a flotation cell in which the stator comprises four segments 26a-26d each having a plurality of stator blades 30. The stator blades are all disposed radially with respect to the rotor. Accordingly, the stator blades of each segment are not parallel to each other but are, on the contrary, inclined to each other.

Neither Tucker nor RU 2187380 nor Green cures the deficiency in the disclosure of Krishnaswamy et al. Applicant therefore submits that claim 25 is patentable and it follows that the dependent claims 26-36 also are patentable.

Respectfully submitted,



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